CV - Sagiv Malihi

| CONTACT INFORMATION | King David Ave. 23/8, Tel-Aviv | *Cellular:* 052-6087182 *E-mail:* sagivmalihi@gmail.com |

EDUCATION

Hebrew University, Jerusalem, Israel   **2005 - 2008**

B.Sc., Mathematics
Included in dean's list (2006, 2008) and received dean's award (2007)
Final Average - 96.6
Participated in a research project under supervision of prof. Ofer Biham -
wrote a simulation for particle interactions on interstellar dust grains and used it to study models for H_2 creation in the interstellar medium.

"Haman Talpiot - Aham" Course, IDF   **August 2000 - February 2001**

University-level education in applied mathematics (Statistics/Probability Theory and Algebra)
Also - selected subjects in computer-science (Algorithms/Data Structures) and programming skills (mostly in C/C++/Python)

Galili High School, Kfar-Saba, Israel   **1997 - 2000**

Graduated with honors, 5 point bagrut in Computer-Science, Physics, and Computer-Graphics

PROFESSIONAL EXPERIENCE

IBM - XIV *Software Developer*   **2009 - Present**
Storage-related software development. Mostly in Python

Klapka.co.il *Web development and System Administration*   **2008**
Django & Python based website, co-developed with two of my friends, mostly as a hobby.

TACT - Software Experts *Information Security Research*   **2006 - 2009**
Assigned to a classified project at IDF intelligence unit

IDF - Intelligence Corps Technological Unit

Information Security Research   **2001-2004**
Low-level programming in embedded systems.
Network security research, and embedded security research.

R&D   **2001-2004**
Mathematical research.
Algorithms development, Algorithmical and low-level optimizations of software (C & C++)
Development of a variety of research tools written in python.
Developed some parallel code in a massively paralleled environment (C)

SKILLS

- Expert in Python (also has experience in embedding and extending python with native code)
- Experience in web development using django
- Thorough knowledge of C/C++
- Intimately familiar with the world of computer security
- Experience in Assembly programming (also for ARM/PowerPC/MIPS)
- Experience in developing under Unix/Linux operating systems, and also under windows.
- Scripting (perl / unix shells (bash/tcsh) / python)
- Familiar with many of the popular networking protocols (TCP/IP, HTTP, SNMP . . .)
- Highly motivated self-learner